

Abstract of the Disclosure:

A surface-mount crystal oscillator includes a quartz crystal unit, a mounting substrate on which an IC (Integrated Circuit) chip is mounted and which is bonded to 5 the rear surface of the crystal unit, and an electronic components which is mounted on one end of the surface of the mounting substrate on which the crystal unit is bonded. The crystal unit includes a planar substrate, a quartz crystal blank held on one principal surface of the planar 10 substrate, a metal film formed along the outer periphery of the principal surface, and a concave metal cover having an open-ended face. In the crystal unit, the open-ended face of the metal cover is brazed to the metal film, whereby the crystal blank is hermetically sealed between the metal 15 cover and the planar substrate.